

I3-6100

Intel Core i3-6100 Processor



CPU Benchmark:

Intel Core i3-6100 @ 3.70GHz

Class	Desktop
Clockspeed	3.7 GHz
Typical TDP	51W
Socket	LGA 1151
Overall Rank	1086
Average CPU Mark	4165
Single Thread Rating	2226
Cross-Platform Rating	7388

Specifications

Product Collection		6th Generation Intel® Core™ i3 Processors	
Code Name		Skylake	
Vertical Segment		Desktop	
# of Cores # of Threads		2 4	
Processor base Frequency		3.70 GHz	
Cache		3 MB Intel® Smart Cache	
Bus Speed	8 GT/s	TDP	51W
Max Memory Size		64 GB	
Memory Types		DDR4-1866/2133, DDR3L-1333/1600 @ 1.35V	
Max # of Memory Channels		2	
Max Memory Bandwidth		34.1 GB/s	
Processor Graphics		Intel® HD Graphics 530	
Graphics Base Frequency		350 MHz	
Graphics Max Dynamic Frequency		1.05 GHz	
Graphics Video Max Memory		64GB	
Graphics Output		eDP/DP/HDMI/DVI	
4K Support		Yes, at 60Hz	
# of Displays Supported		3	
Max Resolution (HDMI)		4096 x 2304 @ 24Hz	
Max Resolution (DP)		4096 x 2304 @ 60Hz	
Max Resolution (eDP)		4096 x 2304 @ 60Hz	
DirectX Support	12	OpenGL Support	4.5
Intel® Quick Sync Video		Yes	
Intel® InTru™ 3D Technology		Yes	
Intel® Clear Video HD Technology		Yes	
Intel® Clear Video Technology		Yes	
No	Intel® Optane™ Memory Supported		
No	Intel® Turbo Boost Technology		
Yes	Intel vPro® Platform Eligibility		
Yes	Intel® Hyper-Threading Technology		
Yes	Intel® Virtualization Technology (VT-x)		
Yes	Intel® Virtualization Technology for Directed I/O (VT-d)		
Yes	Intel® VT-x with Extended Page Tables (EPT)		
No	Intel® Transactional Synchronization Extensions		
Yes	Intel® 64		
64-bit	Instruction Set		
Yes	Idle States		
Yes	Enhanced Intel SpeedStep® Technology		
Yes	Thermal Monitoring Technologies		
Yes	Intel® Identity Protection Technology		
No	Intel® Stable Image Platform Program (SIPP)		
Yes	Intel® AES New Instructions		
Yes	Secure Key		
Yes	Intel® Software Guard Extensions (Intel® SGX) (with Intel® ME)		
Yes	Intel® Memory Protection Extensions (Intel® MPX)		
Yes	Intel® OS Guard		
No	Intel® Trusted Execution Technology		
Yes	Execute Disable Bit		
Yes	Intel® Boot Guard		

** All product specifications and product images are subject to change without notice.